

**=> IFW:     Scan as Doc Code: SRNT    <=  
                 Doc Date:**

## **TC 3700 Inventor Search Program**

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

---

**Serial Number: 10645823**

**1.) See attached printout of inventors listed in  
PALM**

**2.) See attached EAST Inventor Search  
Printout shows Inventor search terms**

Day : Monday  
Date: 7/3/2006  
Time: 16:31:49

 **PALM INTRANET**

## Inventor Information for 10/645823

Inventor Name	City	State/Country
<u>PASTORE, JOSEPH M.</u>	MINNEAPOLIS	MINNESOTA
<u>SPINELLI, JULIO C.</u>	SHOREVIEW	MINNESOTA
<u>REEVE, HELEN L.</u>	ST. PAUL	MINNESOTA
<u>ROSS, JEFFREY</u>	ROSEVILLE	MINNESOTA
<u>SALO, RODNEY W.</u>	FRIDLEY	MINNESOTA
<u>SHUROS, ALLAN</u>	ST. PAUL	MINNESOTA

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity Data](#)[Foreign Data](#)[Inventors](#)

Search Another: Application#

or Patent#

PCT / /

or PG PUBS #

Attorney Docket #

Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

US 20060149326 A1	20060706	Intermittent stress augmentation pacing for cardioprotective effect	607/17		Prinzen; Frits et al.
US 20060136028 A1	20060622	Epicardial patch including isolated extracellular matrix with pacing electrodes	607/129		Ross; Jeffrey et al.
US 20060136027 A1	20060622	Lead electrode incorporating extracellular matrix	607/123		Westlund; Randy et al.
US 20060134079 A1	20060622	Implantable medical devices comprising isolated extracellular matrix	424/93.21	424/422; 424/85.1; 435/366; 607/2	Sih; Haris J. et al.
US 20060134071 A1	20060622	Use of extracellular matrix and electrical therapy	424/93.7	607/2	Ross; Jeffrey et al.
US 20060116728 A1	20060601	REDUCTION OF INTERACTION WITH TACHYARRHYTHMIA DETECTION BY NEGATIVE OFFSET PACING	607/9		Stahmann; Jeffrey E. et al.
US 20060116727 A1	20060601	AUTOMATIC SELECTION OF STIMULATION CHAMBER FOR VENTRICULAR RESYNCHRONIZATION THERAPY	607/9		Ding; Jiang et al.
US 20060089679 A1	20060427	Method and apparatus for determining changes in heart failure status	607/32		Zhu; Qingsheng et al.
US 20060052830 A1	20060309	Cardiac rhythm management system with arrhythmia classification and electrode selection	607/4		Spinelli; Julio C. et al.
US 20060047318 A1	20060302	Method and apparatus to deliver drug and pacing therapy for treatment of cardiac disorders	607/3	607/120	Pastore; Joseph M. et al.
US 20060047191 A1	20060302	Core body temperature monitoring in heart failure patients	600/361	600/483; 600/549	Zhu; Qingsheng et al.
US 20060036126 A1	20060216	Method and apparatus for modulating cellular growth and regeneration using ventricular assist device	600/16		Ross; Jeffrey et al.

US 20060030810 A1	20060209	Devices and methods to stimulate therapeutic angiogenesis for ischemia and heart failure	604/20		Mandrusov; Evgenia et al.
US 20060025661 A1	20060202	Device for monitoring fluid status	600/345	600/506; 600/547	Sweeney; Robert J. et al.
US 20060015146 A1	20060119	Method and apparatus for controlled gene or protein delivery	607/3	607/17; 607/5; 607/9	Girouard; Steven D. et al.
US 20060009812 A1	20060112	Maximum pacing rate limiter implemented using the evoked response - T-wave interval	607/27	607/17	Daum; Douglas R. et al.
US 20060008500 A1	20060112	Implantable sensor with biocompatible coating for controlling or inhibiting tissue growth	424/423	607/2	Chavan; Abhi et al.
US 20050288721 A1	20051229	Method and apparatus to modulate cellular regeneration post myocardial infarct	607/9	607/3	Girouard, Steven D. et al.
US 20050288720 A1	20051229	Method and apparatus for minimizing post-infarct ventricular remodeling	607/9	600/16; 607/3	Ross, Jeffrey et al.
US 20050283195 A1	20051222	Methods and apparatuses for localizing myocardial infarction during catheterization	607/4	600/508; 607/96	Pastore, Joseph M. et al.
US 20050283099 A1	20051222	Method and device for preventing plaque formation in coronary arteries	601/20		Zhu, Qingsheng et al.
US 20050267556 A1	20051201	Drug eluting implants to prevent cardiac apoptosis	607/120	604/891.1; 607/3; 607/9	Shuros, Allan et al.
US 20050256542 A1	20051117	Method and apparatus for detecting oscillations in cardiac rhythm with electrogram signals	607/9		Pastore, Joseph M. et al.
US 20050240237 A1	20051027	Capture verification for cardiac resynchronization pacing optimization	607/28		Zhu, Qingsheng et al.
US 20050234520 A1	20051020	Apparatus and method for testing and adjusting a bipolar stimulation configuration	607/28		Spinelli, Julio C. et al.

US 20050216066 A1	20050929	Dynamically optimized multisite cardiac resynchronization device	607/9		Auricchio, Angelo et al.
US 20050216065 A1	20050929	Identifying heart failure patients suitable for resynchronization therapy using QRS complex width from an intracardiac electrogram	607/9	607/27	Ding, Jing et al.
US 20050203581 A1	20050915	Cardiac rhythm management system with arrhythmia classification and electrode selection	607/9		Spinelli, Julio C. et al.
US 20050202020 A1	20050915	Diagnosing and treating cancer	424/155.1	424/178.1	Ross, Jeffrey et al.
US 20050192637 A1	20050901	Method and apparatus for device controlled gene expression	607/3		Girouard, Steven D. et al.
US 20050177195 A1	20050811	Method and apparatus for minimizing post-infarct ventricular remodeling	607/11	600/9	Salo, Rodney W.
US 20050149143 A1	20050707	Baroreflex stimulator with integrated pressure sensor	607/44		Libbus, Imad et al.
US 20050149131 A1	20050707	Baroreflex modulation to gradually decrease blood pressure	607/9		Libbus, Imad et al.
US 20050149129 A1	20050707	Baropacing and cardiac pacing to control output	607/9		Libbus, Imad et al.
US 20050137633 A1	20050623	Pacing method and device for preserving native conduction system	607/9		Salo, Rodney W. et al.
US 20050137631 A1	20050623	Dynamic device therapy control for treating post myocardial infarction patients	607/9		Yu, Yinghong et al.
US 20050137626 A1	20050623	Drug delivery system and method employing external drug delivery device in conjunction with computer network	607/3	604/891.1	Pastore, Joseph M. et al.
US 20050137487 A1	20050623	System and method for acquiring breathing pattern signals from intracardiac electrograms and its use for	600/513		Zhu, Qingsheng et al.

		heart failure therapy decision making and disease monitoring			
US 20050131480 A1	20050616	Method and apparatus for adjustable AVD programming using a table	607/30		Kramer, Andrew P. et al.
US 20050131472 A1	20050616	Cardiac pacing using adjustable atrio-ventricular delays	607/9		Ding, Jiang et al.
US 20050107837 A1	20050519	Cardiac rhythm management system with optimization of cardiac performance using heart rate	607/9		Salo, Rodney W. et al.
US 20050102002 A1	20050512	Electrical therapy for diastolic dysfunction	607/17		Salo, Rodney W. et al.
US 20050102000 A1	20050512	Linear stimulation of the heart for improved hemodynamic benefit	607/9		Pastore, Joseph M. et al.
US 20050096706 A1	20050505	Cardiac pacing using sensed coronary vein blood temperature and left ventricular flow rate	607/17		Salo, Rodney
US 20050096705 A1	20050505	Multi-site ventricular pacing therapy with parasympathetic stimulation	607/17		Pastore, Joseph M. et al.
US 20050065568 A1	20050324	Cardiac stimulation at high ventricular wall stress areas	607/17		Liu, Lili et al.
US 20050060002 A1	20050317	Method and apparatus for avoidance of phrenic nerve stimulation during cardiac pacing	607/19	607/27	Zhu, Qingsheng et al.
US 20050049510 A1	20050303	Method and apparatus for catheterization by detecting signals indicating proximity to anatomical features	600/483		Haldeman, Paul Craig et al.
US 20050043675 A1	20050224	Method and apparatus for modulating cellular metabolism during post-ischemia or heart failure	604/67		Pastore, Joseph M. et al.
US 20050021098 A1	20050127	Method and system for treatment of neurocardiogenic syncope	607/9		Spinelli, Julio C. et al.
US 20040254614	20041216	Implantable Cardiac rhythm management system having	607/9		Spinelli, Julio et al.

A1		multiple therapy modalities			
US 20040242831 A1	20041202	Enzyme catalyzed polyesters and polyol polymers	528/44	428/423.1; 528/425	Tian, Dong et al.
US 20040230239 A1	20041118	Cardiac rhythm management system with staggered pulses for coordination therapy	607/14		Stahmann, Jeffrey E. et al.
US 20040230238 A1	20041118	Cardiac rhythm management system with staggered pulses for coordination therapy	607/9	607/17	Stahmann, Jeffrey E. et al.
US 20040230237 A1	20041118	Cardiac rhythm management system with staggered pulses for coordination therapy	607/9		Stahmann, Jeffrey E. et al.
US 20040214204 A1	20041028	Methods of diagnosing and treating cancer	435/6	435/7.23	Ross, Jeffrey S.
US 20040193066 A1	20040930	Cardiac rhythm management system using time-domain heart rate variability indicia	600/509	607/17	Carlson, Gerrard M. et al.
US 20040186546 A1	20040923	Devices and methods to stimulate therapeutic angiogenesis for ischemia and heart failure	607/122		Mandrusov, Evgenia et al.
US 20040162496 A1	20040819	Method and apparatus for predicting acute response to cardiac resynchronization therapy	600/510		Yu, Yinghong et al.
US 20040158290 A1	20040812	Method and apparatus for cell and electrical therapy of living tissue	607/3	435/285.2; 604/21	Girouard, Steven D. et al.
US 20040158289 A1	20040812	Method and apparatus for cell and electrical therapy of living tissue	607/3	435/284.1; 435/285.2	Girouard, Steven D. et al.
US 20040138571 A1	20040715	Method and apparatus for adjusting interventricular delay based on ventricular pressure	600/485	600/486; 600/509; 607/23	Salo, Rodney et al.
US 20040133246 A1	20040708	Automatic selection of stimulation chamber for ventricular resynchronization therapy	607/9		Ding, Jiang et al.
US 20040127948 A1	20040701	Reduction of interaction with tachyarrhythmia detection by negative offset pacing	607/14		Stahmann, Jeffrey E. et al.
US 20040122479	20040624	Method and apparatus for predicting acute response to	607/27	600/510	Spinelli, Julio et al.

A1		cardiac resynchronization therapy at a given stimulation site			
US 20040116975 A1	20040617	Method and apparatus for determining the coronary sinus vein branch accessed by a coronary sinus lead	607/27		Yu, Yinghong et al.
US 20040116970 A1	20040617	Stress reduction pacing for arterial plaque stabilization	607/9		Girouard, Steven D. et al.
US 20040098057 A1	20040520	Stress reduction pacing mode for arrhythmia prevention	607/11		Pastore, Joseph M. et al.
US 20040098056 A1	20040520	Cardiac rhythm management system selecting between multiple same-chamber electrodes for delivering cardiac therapy	607/9		Ding, Jiang et al.
US 20040078060 A1	20040422	Cardiac pacing using adjustable atrio-ventricular delays	607/25		Ding, Jiang et al.
US 20040078059 A1	20040422	Cardiac pacing using adjustable atrio-ventricular delays	607/25	607/17	Ding, Jiang et al.
US 20040054381 A1	20040318	Method and apparatus for assessing and treating myocardial wall stress	607/17		Pastore, Joseph M. et al.
US 20040049255 A1	20040311	Cardiac lead incorporating strain gauge for assessing cardiac contractility	607/122		Jain, Mudit et al.
US 20040049236 A1	20040311	Apparatus and method for reversal of myocardial remodeling with electrical stimulation	607/9	607/17; 607/25	Kramer, Andrew P. et al.
US 20040030359 A1	20040212	Apparatus and method for testing and adjusting a bipolar stimulation configuration	607/27		Spinelli, Julio C. et al.
US 20040030357 A1	20040212	Apparatus and method for spatially and temporally distributing cardiac electrical stimulation	607/17		Salo, Rodney W. et al.
US 20040011265 A1	20040122	Sea chest covers	114/125		Pastore, Joseph
US	20031218	Method and apparatus for	607/17		Pastore,



20030233132 A1		detecting oscillations in cardiac rhythm			Joseph M. et al.
US 20030220582 A1	20031127	Core body temperature monitoring in heart failure patients	600/549		Zhu, Qingsheng et al.
US 20030208240 A1	20031106	Method and apparatus for detecting acoustic oscillations in cardiac rhythm	607/17		Pastore, Joseph M. et al.
US 20030191503 A1	20031009	Cardiac rhythm management system for edema	607/17		Zhu, Qingsheng et al.
US 20030187482 A1	20031002	Method and apparatus for detecting oscillations in cardiac rhythm with electrogram signals	607/9		Pastore, Joseph M. et al.
US 20030153952 A1	20030814	Dynamically optimized multisite cardiac resynchronization device	607/9		Auricchio, Angelo et al.
US 20030149452 A1	20030807	Method and apparatus for avoiding unwanted sensing in a cardiac rhythm management device	607/9		Tang, Zhengnian et al.
US 20030148126 A1	20030807	Multi-functional unsaturated polyester polyols	428/480	522/87; 525/8	Tian, Dong et al.
US 20030144703 A1	20030731	Method and apparatus for optimizing ventricular synchrony during DDD resynchronization therapy using adjustable atrio-ventricular delays	607/17		Yu, Yinghong et al.
US 20030144702 A1	20030731	Method and apparatus for optimizing stroke volume during DDD resynchronization therapy using adjustable atrio-ventricular delays	607/17		Yu, Yinghong et al.
US 20030135243 A1	20030717	Maximum pacing rate limiter implemented using the evoked response -T- wave interval	607/25		Daum, Douglas R. et al.
US 20030130581 A1	20030710	Method and apparatus for measuring left ventricular pressure	600/485		Salo, Rodney et al.
US 20030125777	20030703	Method and apparatus for capture verification based on	607/27		Ding, Jiang et al.

A1		propagated electrical activity			
US 20030125774 A1	20030703	Method and apparatus for monitoring left ventricular work or power	607/21		Salo, Rodney
US 20030120316 A1	20030626	Cardiac rhythm management system with arrhythmia classification and electrode selection	607/14		Spinelli, Julio C. et al.
US 20030120315 A1	20030626	Apparatus and method for multi-site anti-tachycardia pacing	607/14		Spinelli, Julio C. et al.
US 20030105493 A1	20030605	Method and apparatus for minimizing post-infarct ventricular remodeling	607/9		Salo, Rodney W.
US 20030105492 A1	20030605	Apparatus and method for ventricular pacing triggered by detection of early excitation	607/9		Ding, Jiang et al.
US 20030093125 A1	20030515	Method and apparatus for determining changes in heart failure status	607/25		Zhu, Qingsheng et al.
US 20030088290 A1	20030508	Centralized management system for programmable medical devices	607/30	128/904; 600/300; 705/2	Spinelli, Julio C. et al.
US 20030083709 A1	20030501	Capture verification for cardiac resynchronization pacing optimization	607/27		Zhu, Qingsheng et al.
US 20030078624 A1	20030424	Maximum atrial tracking rate for cardiac rhythm management system	607/9		Carlson, Gerrard M. et al.
US 20030069610 A1	20030410	Apparatus and method for ventricular rate regularization with biventricular sensing	607/25		Kramer, Andrew P. et al.
US 20030065365 A1	20030403	Method and apparatus for avoidance of phrenic nerve stimulation during cardiac pacing	607/17		Zhu, Qingsheng et al.
US 20030060850 A1	20030327	Pacemaker mode switching based upon atrial conduction time	607/9		Zhu, Qingsheng et al.
US 20030050670 A1	20030313	Atrial pacing and sensing in cardiac resynchronization therapy	607/9		Spinelli, Julio et al.
US 20030028221 A1	20030206	Cardiac rhythm management system for edema	607/9		Zhu, Qingsheng et al.

US 20030023279 A1	20030130	Method and system for treatment of neurocardiogenic syncope	607/9		Spinelli, Julio C. et al.
US 20030023278 A1	20030130	Linear stimulation of the heart for improved hemodynamic benefit	607/9		Pastore, Joseph M. et al.
US 20030018363 A1	20030123	Cardiac pacing using adjustable atrio-ventricular delays	607/9		Ding, Jiang et al.
US 20020183633 A1	20021205	Method and apparatus for determining the coronary sinus vein branch accessed by a coronary sinus lead	600/508		Yu, Yinghong et al.
US 20020177879 A1	20021128	Cardiac rhythm management system selecting between multiple same-chamber electrodes for delivering cardiac therapy	607/9		Ding, Jiang et al.
US 20020169480 A1	20021114	Method and device for preventing plaque formation in coronary arteries	607/2		Zhu, Qingsheng et al.
US 20020161410 A1	20021031	Apparatus and method for reversal of myocardial remodeling with electrical stimulation	607/9		Kramer, Andrew P. et al.
US 20020161307 A1	20021031	Method and apparatus for predicting acute response to cardiac resynchronization therapy	600/509		Yu, Yinghong et al.
US 20020156143 A1	20021024	Composition for providing a gloss controlled, abrasion resistant coating on surface covering products	522/33	522/107; 522/46; 522/83; 522/93	Sigel, Gary A. et al.
US 20020143264 A1	20021003	Identifying heart failure patients suitable for resynchronization therapy using QRS complex width from an intracardiac electrogram	600/510		Ding, Jiang et al.
US 20020128563 A1	20020912	Cardiac rhythm management system using time-domain heart rate variability indicia	600/509		Carlson, Gerrard M. et al.
US 20020120306 A1	20020829	Cardiac rhythm management device with triggered diagnostic mode	607/25		Zhu, Qingsheng et al.
US	20020829	PROCESS FOR	522/83		Sigel, Gary

20020120030 A1		PROVIDING A GLOSS CONTROLLED, ABRASION RESISTANT COATING ON SURFACE COVERING PRODUCTS			A. et al.
US 20020082659 A1	20020627	Cardiac rhythm management system with staggered pulses for coordination therapy	607/9		Stahmann, Jeffrey E. et al.
US 20020082648 A1	20020627	Apparatus and method for ventricular rate regularization with biventricular sensing	607/9		Kramer, Andrew P. et al.
US 20020078968 A1	20020627	Apparatus and method for testing and adjusting a bipolar stimulation configuration	607/27		Spinelli, Julio C. et al.
US 20020077559 A1	20020620	Automatic selection of stimulation chamber for ventricular resynchronization therapy	600/509		Ding, Jiang et al.
US 20020076695 A1	20020620	METHODS FOR TREATING PROSTATE CANCER	435/6		ROSS, JEFFREY S.
US 20020061543 A1	20020523	c-myc coding region determinant-binding protein (CRD-BP) and its nucleic acid sequence	435/7.23	435/7.92	Ross, Jeffrey
US 20020049478 A1	20020425	Cardiac pacing using adjustable atrio-ventricular delays	607/17		Ding, Jiang et al.
US 20020042147 A1	20020411	Method and device for preventing chatter in histological samples	436/174	219/201; 219/442; 219/443.1; 219/465.1; 422/63; 422/99	Ross, Jeffrey Allan et al.
US 20010037069 A1	20011101	Heart rate variability as an indicator of exercise capacity	600/510		Carlson, Gerrard M. et al.
US 20010031993 A1	20011018	Cardiac rhythm management system with optimization of cardiac performance using heart rate	607/9		Salo, Rodney W. et al.
US 7065405 B2	20060620	Stress reduction pacing mode for arrhythmia prevention	607/9		Pastore; Joseph M. et al.
US 7062323	20060613	Maximum atrial tracking rate	607/9	600/528;	Carlson;

B2		for cardiac rhythm management system		607/14	Gerrard M. et al.
US 7062314 B2	20060613	Cardiac rhythm management device with triggered diagnostic mode	600/515		Zhu; Qingsheng et al.
US 7050852 B2	20060523	Pacemaker mode switching based upon atrial conduction time	607/9		Zhu; Qingsheng et al.
US 7039462 B2	20060502	Method and apparatus for detecting oscillations in cardiac rhythm	607/14	600/547; 607/24	Pastore; Joseph M. et al.
US 7037273 B2	20060502	Core body temperature monitoring in heart failure patients	600/549	600/482; 607/21	Zhu; Qingsheng et al.
US 7016729 B2	20060321	Reduction of interaction with tachyarrhythmia detection by negative offset pacing	607/14	607/9	Stahmann; Jeffrey E. et al.
US 6999815 B2	20060214	Automatic selection of stimulation chamber for ventricular resynchronization therapy	607/9		Ding; Jiang et al.
US 6993389 B2	20060131	Identifying heart failure patients suitable for resynchronization therapy using QRS complex width from an intracardiac electrogram	607/25		Ding; Jing et al.
US 6988002 B2	20060117	Apparatus and method for ventricular rate regularization with biventricular sensing	607/18	607/19; 607/25	Kramer; Andrew P. et al.
US 6980851 B2	20051227	Method and apparatus for determining changes in heart failure status	600/513	607/18	Zhu; Qingsheng et al.
US 6973349 B2	20051206	Method and apparatus for minimizing post-infarct ventricular remodeling	607/11		Salo; Rodney W.
US 6965797 B2	20051115	Method and apparatus for assessing and treating myocardial wall stress	607/17	607/25	Pastore; Joseph M. et al.
US 6963778 B2	20051108	Maximum pacing rate limiter implemented using the evoked response-T-wave interval	607/25		Daum; Douglas R. et al.
US 6957105 B2	20051018	Method and apparatus for detecting oscillations in cardiac rhythm with	607/9	607/14; 607/15	Pastore; Joseph M. et al.

		electrogram signals			
US 6944499 B2	20050913	Method and apparatus for avoiding unwanted sensing in a cardiac rhythm management device	607/9		Tang; Zhengnian et al.
US 6937901 B2	20050830	Capture verification for cardiac resynchronization pacing optimization	607/27		Zhu; Qingsheng et al.
US 6916547 B2	20050712	Multi-functional unsaturated polyester polyols	428/480	428/141; 428/323; 428/329; 528/298; 528/300; 528/302; 528/303; 528/306; 528/354; 528/361; 528/363	Tian; Dong et al.
US 6915163 B2	20050705	Apparatus and method for testing and adjusting a bipolar stimulation configuration	607/28		Spinelli; Julio C. et al.
US 6915160 B2	20050705	Dynamically optimized multisite cardiac resynchronization device	607/9		Auricchio; Angelo et al.
US 6909919 B2	20050621	Cardiac lead incorporating strain gauge for assessing cardiac contractility	607/119	600/374	Jain; Mudit et al.
US 6909916 B2	20050621	Cardiac rhythm management system with arrhythmia classification and electrode selection	607/9	600/515; 600/518; 607/14	Spinelli; Julio C. et al.
US 6904858 B2	20050614	Sea chest covers	114/125		Pastore; Joseph
US 6892095 B2	20050510	Method and apparatus for monitoring left ventricular work or power	607/21	600/505; 600/526; 607/122; 607/24	Salo; Rodney
US 6885890 B2	20050426	Apparatus and method for multi-site anti-tachycardia pacing	607/14		Spinelli; Julio C. et al.
US 6859665 B2	20050222	Cardiac pacing using adjustable atrio-ventricular delays	607/17	607/9	Ding; Jiang et al.
US 6856836	20050215	Cardiac pacing using	607/17	607/9	Ding; Jiang

B2		adjustable atrio-ventricular delays			et al.
US 6829506 B2	20041207	Linear stimulation of the heart for improved hemodynamic benefit	607/9		Pastore; Joseph M. et al.
US 6794151 B2	20040921	c-myc coding region determinant-binding protein (CRD-BP) and its nucleic acid sequence	435/7.23	435/7.1; 435/7.92	Ross; Jeffrey
US 6772008 B2	20040803	Method and apparatus for avoidance of phrenic nerve stimulation during cardiac pacing	607/9	600/484; 600/595; 607/20	Zhu; Qingsheng et al.
US 6768924 B2	20040727	Method and apparatus for capture verification based on propagated electrical activity	607/28		Ding; Jiang et al.
US 6768923 B2	20040727	Apparatus and method for ventricular pacing triggered by detection of early ventricular excitation	607/9		Ding; Jiang et al.
US 6766189 B2	20040720	Method and apparatus for predicting acute response to cardiac resynchronization therapy	600/510	600/509	Yu; Yinghong et al.
US 6760623 B2	20040706	Cardiac rhythm management system with staggered pulses for coordination therapy	607/9		Stahmann; Jeffrey E. et al.
US 6748271 B2	20040608	Method and system for treatment of neurocardiogenic syncope	607/9	607/23; 607/4	Spinelli; Julio C. et al.
US 6718197 B1	20040406	LV ectopic density trending	600/515	607/32	Carlson; Gerrard M. et al.
US 6708061 B2	20040316	Cardiac rhythm management system with optimization of cardiac performance using heart rate	607/9	607/15; 607/25; 607/27	Salo; Rodney W. et al.
US 6705999 B2	20040316	Method and apparatus for determining the coronary sinus vein branch accessed by a coronary sinus lead	600/508	607/27	Yu; Yinghong et al.
US 6704598 B2	20040309	Cardiac rhythm management system selecting between multiple same-chamber electrodes for delivering cardiac therapy	607/9		Ding; Jiang et al.

US 6701186 B2	20040302	Atrial pacing and sensing in cardiac resynchronization therapy	607/9	607/17	Spinelli; Julio et al.
US 6684103 B2	20040127	Cardiac pacing using adjustable atrio-ventricular delays	607/23		Ding; Jiang et al.
US 6678547 B2	20040113	Cardiac rhythm management system using time-domain heart rate variability indicia	600/515	607/14	Carlson; Gerrard M. et al.
US 6666826 B2	20031223	Method and apparatus for measuring left ventricular pressure	600/485	600/486; 600/509; 607/23	Salo; Rodney et al.
US 6650940 B1	20031118	Accelerometer-based heart sound detection for autocapture	607/28	600/528	Zhu; Qingsheng et al.
US 6640135 B1	20031028	Apparatus and method for spatially and temporally distributing cardiac electrical stimulation	607/9	607/15	Salo; Rodney W. et al.
US 6628988 B2	20030930	Apparatus and method for reversal of myocardial remodeling with electrical stimulation	607/9		Kramer; Andrew P. et al.
US 6622040 B2	20030916	Automatic selection of stimulation chamber for ventricular resynchronization therapy	607/9		Ding; Jiang et al.
US 6611712 B2	20030826	Apparatus and method for testing and adjusting a bipolar stimulation configuration	607/11	607/28	Spinelli; Julio C. et al.
US 6572932 B2	20030603	Process for providing a gloss controlled, abrasion resistant coating on surface covering products	427/510	427/508; 427/514; 427/519; 522/107; 522/46; 522/8; 522/83; 522/93; 522/97	Sigel; Gary A. et al.
US 6542775 B2	20030401	Cardiac pacing using adjustable atrio-ventricular delays	607/24		Ding; Jiang et al.
US 6539249 B1	20030325	Method and apparatus for assessing patient well-being	600/510		Kadhiresan; Veerichetty A. et al.



US 6529772 B2	20030304	Heart rate variability as an indicator of exercise capacity	600/510	600/521; 607/25	Carlson; Gerrard M. et al.
US 6513128 B1	20030128	Network interface card accessible during low power consumption mode	713/600	713/322; 713/500	Wang; Chi-Lie et al.
US 6501988 B2	20021231	Apparatus and method for ventricular rate regularization with biventricular sensing	607/9	607/25	Kramer; Andrew P. et al.
US 6453192 B1	20020917	Detection of ventricular ectopic beats using ventricular electrogram	600/516	607/24	Ding; Jiang et al.
US 6363278 B1	20020326	Cardiac rhythm management system with staggered pulses for coordination therapy	607/9		Stahmann; Jeffrey E. et al.
US 6360127 B1	20020319	Cardiac pacing using adjustable atrio-ventricular delays	607/23		Ding; Jiang et al.
US 6351673 B1	20020226	Cardiac pacing using adjustable atrio-ventricular delays	607/24	607/25	Ding; Jiang et al.
US 6322986 B1	20011127	Method for colorectal cancer prognosis and treatment selection	435/6	424/85.1; 435/91.2; 514/44	Ross; Jeffrey S.
US 6301499 B1	20011009	Heart rate variability as an indicator of exercise capacity	600/510	600/521; 607/25	Carlson; Gerrard M. et al.
US 6280389 B1	20010828	Patient identification for the pacing therapy using LV-RV pressure loop	600/485		Ding; Jiang et al.
US 6278894 B1	20010821	Multi-site impedance sensor using coronary sinus/vein electrodes	600/547		Salo; Rodney W. et al.
US 6255055 B1	20010703	c-myc coding region determinant-binding protein (CRD-BP) and its nucleic acid sequence	435/7.1	435/7.3; 435/91.2; 436/64	Ross; Jeffrey
US 6144880 A	20001107	Cardiac pacing using adjustable atrio-ventricular delays	607/23		Ding; Jiang et al.
US 6137549 A	20001024	Program guide data distribution system with configurable queues	725/37	709/235; 711/170	Rasson, deceased; Donald et al.
US 6135970 A	20001024	Method and apparatus for assessing patient well-being	600/595		Kadhiresan; V. A. et al.

US 6058329 A	20000502	Optimization of pacing parameters based on measurement of acoustic noise	607/17		Salo; Rodney W. et al.
US 6044298 A	20000328	Optimization of pacing parameters based on measurement of integrated acoustic noise	607/17		Salo; Rodney W. et al.
US 6044296 A	20000328	Pacing output coupling capacitor for automatic capture threshold detection in cardiac pacing systems	607/13		Zhu; Qingsheng et al.
US 6026320 A	20000215	Heart rate variability as an indicator of exercise capacity	600/510	600/521; 607/25	Carlson; Gerrard M. et al.
US 6021351 A	20000201	Method and apparatus for assessing patient well-being	607/19	607/27	Kadhiresan; V. A. et al.
US 6015400 A	20000118	Method for placing a feeding tube	604/506	604/104; 604/117; 604/158; 604/161; 604/164.09; 604/264	Ross; Jeffrey R. et al.
US 5994071 A	19991130	Assessment of prostate cancer	435/6	435/91.2; 436/64; 436/813; 536/23.1; 536/24.3; 536/24.31; 536/24.33	Ross; Jeffrey S. et al.
US 5935160 A	19990810	Left ventricular access lead for heart failure pacing	607/122		Auricchio; Angelo et al.
US 5922195 A	19990713	Trash rack with non-metallic reinforcing rod	210/154	210/162; 210/232	Pastore; Joseph
US 5908494 A	19990601	Liquid spray air purification apparatus	96/356	55/318; 55/418; 55/440; 55/472; 96/224; 96/234; 96/265; 96/365	Ross; Bradley J. et al.
US 5843136 A	19981201	Pacing output circuitry for automatic capture threshold detection in cardiac pacing	607/13	607/28	Zhu; Qingsheng et al.

		systems			
US 5840065 A	19981124	Feeding tube and method	604/170.03	604/523	Goldhardt; Donald J. et al.
US 5836987 A	19981117	Apparatus and method for optimizing cardiac performance by determining the optimal timing interval from an accelerometer signal	607/17	607/18	Baumann; Lawrence S. et al.
US 5807314 A	19980915	Feeding tube and method for placing same	604/500	604/264; 604/270; 604/508	Ross; Jeffrey R. et al.
US 5800904 A	19980901	Embossable surface covering with inorganic wear layer	428/156	428/159; 428/161; 428/164; 428/168; 428/204; 428/207; 428/215; 428/217; 428/334; 428/335; 428/337; 428/339; 428/430; 428/441; 428/442; 428/480; 428/522; 428/698; 428/702; 428/704; 428/908.8	Hallman; Robert A. et al.
US 5792195 A	19980811	Acceleration sensed safe upper rate envelope for calculating the hemodynamic upper rate limit for a rate adaptive cardiac rhythm management device	607/17	607/18; 607/19	Carlson; Gerrard M. et al.
US 5728140 A	19980317	Method for evoking capture of left ventricle using transeptal pacing lead	607/9		Salo; Rodney W. et al.
US 5700283 A	19971223	Method and apparatus for pacing patients with severe congestive heart failure	607/17	607/18; 607/23; 607/25	Salo; Rodney W.
US 5692451	19971202	Sea chest covers	114/125		Pastore;

A					Joseph
US 5603331 A	19970218	Data logging system for implantable cardiac device	600/508	607/25	Heemels; Jan P. et al.
US 5584868 A	19961217	Cardiac stimulating apparatus and method for heart failure therapy	607/17		Salo; Rodney W. et al.
US 5540727 A	19960730	Method and apparatus to automatically optimize the pacing mode and pacing cycle parameters of a dual chamber pacemaker	607/18	607/17	Tockman; Bruce A. et al.
US 5505808 A	19960409	Method to produce an inorganic wear layer	156/233	156/155; 156/230; 156/247; 156/249; 156/289	Hallman; Robert A. et al.
US 5487752 A	19960130	Automated programmable stimulating device to optimize pacing parameters and method	607/17	607/22; 607/23	Salo; Rodney W. et al.
US 5466245 A	19951114	Method and apparatus to continuously optimize the A-V delay in a dual chamber pacemaker	607/17	607/9	Spinelli; Julio C. et al.
US 5423870 A	19950613	Rate responsive cardiac pacemaker	607/18	607/9	Olive; Arthur L. et al.
US 5417717 A	19950523	Implantable cardiac function monitor and stimulator for diagnosis and therapy delivery	607/18	607/23; 607/24; 607/3	Salo; Rodney W. et al.
US 5413593 A	19950509	Using sub-threshold unipolar pacing markers to improve the interpretation of surface EKG in pacemaker patients	607/27	607/36	Spinelli; Julio C. et al.
US 5391190 A	19950221	Variation in cardiac chamber volume or pressure as a controlling parameter	607/23	607/18	Pederson; Brian D. et al.
US 5341823 A	19940830	Method for loading a T-shaped tension device into a slotted needle	128/898	606/215	Manosalva; Edgar G. et al.
US 5334222 A	19940802	Cardiac stimulating apparatus and method for heart failure therapy	607/17	607/23; 607/24	Salo; Rodney W. et al.
US 5330512 A	19940719	Electrode charge-neutral sensing of evoked ECG	607/28		Hauck; John A. et

					al.
US 5318543 A	19940607	Laparoscopic jejunostomy instrumentation kit	604/170.01	206/571; 604/174; 604/175; 604/264	Ross; Jeffrey R. et al.
US 5312452 A	19940517	Cardiac rhythm management device with automatic optimization of performance related pacing parameters	607/17		Salo; Rodney W.
US 5307924 A	19940503	Packaging for T-shaped tension devices	206/63.3	206/339; 206/347; 206/363; 206/370; 206/486; 206/570; 206/572	Manosalva; Edgar G. et al.
US 5282838 A	19940201	Dual chamber cardiac pacemaker employing hysteresis to maximize the number of normally conducted ventricular beats with an optimum A-V delay for paced ventricular beats	607/9	607/30	Hauser; Robert G. et al.
US 5263490 A	19931123	Muscle function assessment	600/554	600/595	Hayes; James P. et al.
US 5235976 A	19930817	Method and apparatus for managing and monitoring cardiac rhythm using active time as the controlling parameter	607/25		Spinelli; Julio C.
US 5230688 A	19930727	Servo driven components of a bag machine	493/193	493/197; 493/209; 493/30	Hatchell; Peter J. et al.
US 5228830 A	19930720	Wicket gate	415/200	264/273; 29/889.71; 415/163	Pastore; Joseph
US 5190035 A	19930302	Biomedical method and apparatus for controlling the administration of therapy to a patient in response to changes in physiological demand	607/24		Salo; Rodney W. et al.
US 5188876 A	19930223	Surface covering with inorganic wear layer	428/76	428/698; 428/908.8	Hensel; Robert D. et al.
US 5156147	19921020	Variable rate pacemaker	607/24		Warren; Jay

A		having upper rate limit governor based on hemodynamic performance			A. et al.
US 5137019 A	19920811	Variation in cardiac chamber volume or pressure as a controlling parameter	607/20	600/547	Pederson; Brian D. et al.
US 5094656 A	19920310	Servo drive bag machine	493/193	226/115; 493/29	Hatchell; Peter et al.
US 5082103 A	19920121	Computer controlled light contact feeder employing four independently driven conveyors	198/460.1	198/572	Ross; Jeffrey L. et al.
US 5063505 A	19911105	Computer aided management system for public utility wastewater collection systems	700/90	705/7	Pate; Gerry E. et al.
US 5025214 A	19910618	Circuit and process for converting a half bridge transducer output signal to an LVDT transducer output signal	324/207.19	323/264; 324/207.15; 324/207.24	Ross; Jeffrey A.
US 5000727 A	19910319	Servo driven draw roll for bag machine	493/193	226/115; 493/194; 493/199; 493/203; 493/204	Hatchell; Peter et al.
US 4970747 A	19901120	Trash rack cleaning apparatus	15/88.4	15/179; 210/396	Pastore; Joseph
US 4921092 A	19900501	Computer controlled non-contact feeder with space-control device responsive to item-sensing device	198/460.1	198/575; 198/577	Crawford; Donald C. et al.
US 4911174 A	19900327	Method for matching the sense length of an impedance measuring catheter to a ventricular chamber	600/508		Pederson; Brian D. et al.
US 4885706 A	19891205	Computer aided flood control modeling and management system	703/10	703/6	Pate; Gerry E. et al.
US 4868759 A	19890919	Master position encoder follower system for film feeding means	700/125	53/51	Ross; Jeffrey L. et al.
US 4852717 A	19890801	Computer controlled light contact feeder	198/462.3	198/464.2; 198/575	Ross; Jeffrey L. et al.
US 4846966	19890711	Trash rack	210/153	210/154;	Pastore;

A				210/162; 210/170; 210/486; 210/488; 428/160	Joseph
US 4773401 A	19880927	Physiologic control of pacemaker rate using pre-ejection interval as the controlling parameter	607/17		Citak; Brian P. et al.
US 4733667 A	19880329	Closed loop control of cardiac stimulator utilizing rate of change of impedance	607/24		Olive; Arthur L. et al.
US 4712357 A	19871215	Computer controlled horizontal wrapper	53/450	53/55; 53/550; 53/75	Crawford; Donald C. et al.
US 4686987 A	19870818	Biomedical method and apparatus for controlling the administration of therapy to a patient in response to changes in physiologic demand	607/24		Saló; Rodney W. et al.
US 4674518 A	19870623	Method and apparatus for measuring ventricular volume	600/508	600/526; 600/547	Saló; Rodney W.
US 4587975 A	19860513	Dimension sensitive angioplasty catheter	600/506	604/913; 606/192	Saló; Rodney W. et al.
US 3255460 A	19660614	Bathing cap having snap-in waterproof safety pouch [TEXT AVAILABLE IN USOCR DATABASE]	2/68	D2/891	PASTORE JOSEPH C
US 3167228 A	19650126	Apparatus for separating into pieces thin wafer shaped plates of brittle material [TEXT AVAILABLE IN USOCR DATABASE]	225/103	83/639.1	ROSS JEFFERIES GORDON et al.